



# REPORT

*of the*

*Medical Officer of Health*

*and the*

*Chief Public Health Inspector*

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1972

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BOROUGH OF LEIGH

# REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the year

1972



HEALTH COMMITTEE

His Worship the Mayor, Alderman Harry James Davies J.P.

Chairman:

Councillor F. G I B S O N, J.P.

Deputy Chairman:

Councillor P. H U L L, C.C.

Alderman C.H. Bratt, J.P.

" H. Gough, J.P.

" T. Hourigan, J.P., C.A., M.A.

" J. Stevenson

" F. Taylor

Councillor W. Derbyshire

" E. Ellison

" P. Fazaakerley

" Mrs. R.S. Goodwin

" P. Kenny

" E. Moore

" G.H. Tonks

" Mrs. M. Wood



Medical Officer of Health:

ELLIS TAYLOR, M.B., Ch.B., D.P.H.

T A B L E   O F   C O N T E N T S

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SECTION "A"

STATISTICAL AND SOCIAL

CONDITIONS OF THE AREA



Public Health Department,  
Town Hall,  
L E I G H.

To the Chairman and Members of the Health and Cleansing Committee.

I have the honour to present for your information and consideration, the Annual Report on the health of the Borough of Leigh for the year 1972.

The vital statistics reveal a continuation of satisfactory health and in many respects an improvement on last year. The estimated overall population continued to increase with an added impetus. The birth rate followed the national trend and at 17.1 was the lowest since 1962. It was encouraging to note further reductions in the loss of infant life, i.e. still-births and deaths within the first week of life - the perinatal rate. At 19 per 1,000 total births this compares most favourably with the national rate of 22. The death rate was at its lowest since 1954 - 13.8.

Apart from measles, the prevalence of communicable diseases was insignificant. Measles continued its natural two-year cycle - in 1970 664 cases, in 1971 105 cases and this year 488 cases were notified. Once immunisation can make an impact the pattern should disappear.

During the year the Department has involved itself in an increasing attack on Slum Clearance and improvement of property with a worthwhile life. Progress was recorded in many facets of bettering the environment.

May I take this opportunity of expressing thanks to you, Mr. Chairman, and all Members of the Health and Cleansing Committee for their continued interest in the Department, and to the members of the staff and my colleagues in the Town Hall for their ever-ready help and co-operation.

Yours faithfully,

E. TAYLOR.



# V I T A L   S T A T I S T I C S

The following is a summary of the principal statistics for the year 1972:-

	<u>Loigh</u>	<u>England &amp; Wales</u>
Population (Estimate mid 1972)	46,330	49,028,900
Number of deaths (corrected)	604	591,907
Death Rate (per 1,000 population) (corrected)	13.8	12.1
Number of Live Births registered	778	725,405
Number of Illegitimate Births	58	62,498
Percentage of Illegitimate Live Births	7	9
Live Birth Rate (per 1,000 population) (adjusted)	17.1	14.8
Number of Stillbirths	7	8,794
Still-birth Rate per 1,000 total (live and still) births	9	12
Number of Infant Deaths	14	12,494
Infant Mortality Rate per 1,000 live births	18	17
Infant Mortality Rate per 1,000 legitimate births	15	17
Infant Mortality Rate per 1,000 illegitimate births	52	21
Neo-Natal Mortality Rate (first four weeks) per 1,000 related live births	14	12
Early Neo-Natal Mortality Rate per 1,000 related live births	10	10
Peri-Natal Mortality Rate per 1,000 total births	19	22
Maternal Deaths (including abortion)	Nil	111
Maternal Mortality Rate (including abortion) per 1,000 total births	Nil	0.15
Number of Deaths from all forms of Tuberculosis	1	1,470
Death Rate per 1,000 population from all forms of Tuberculosis	0.02	0.030
Number of Deaths from Neoplasms - Lung Bronchus	20	31,649
Death Rate per 1,000 population from Neoplasms - Lung Bronchus	0.43	0.65

## LOCAL CONDITIONS AND STATISTICS

Leigh is an industrial South-East Lancashire town. The highest and lowest ordnance datum being 146 feet and 53 feet respectively.

The employing industries are coal mining, cotton and artificial fibre weaving, electric cable manufacture, electrical products, rope making, sheet metal working, agriculture, general engineering, foam rubber products and garment making, with some farming on mossland on the southerly boundary of the Borough.

Area in acres		6,359
Population	(Census 1951)	48,728
Population	(Census 1961)	46,174
Estimated population (mid-year Estimate 1972)		46,330
Number of inhabited houses, end of 1972 according to Rate Books		16,514
Rateable Value		£ 1,574,581
Sum represented by Penny Rate		£ 14,770



TABLE SHOWING CLASSIFICATION OF CAUSES  
OF DEATHS FOR THE YEAR 1972

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Enteritis and Other Diarrhoeal Diseases	1	-	1
Tuberculosis of Respiratory System	1	-	1
Other Infective and Parasitic Diseases	1	-	1
Malignant Neoplasms - Buccal Cavity etc.	-	1	1
"        "        - Oesophagus	1	3	4
"        "        - Stomach	11	9	20
"        "        - Intestine	5	12	17
"        "        - Lung, Bronchus	19	1	20
"        "        - Breast	-	7	7
"        "        - Uterus	-	6	6
"        "        - Prostate	1	-	1
Leukaemia	1	2	3
Other Malignant Neoplasms	15	18	33
Diabetes Mellitus	2	4	6
Other Endocrine etc., Diseases	1	-	1
Anaemias	1	1	2
Mental Disorders	1	1	2
Meningitis	-	1	1
Other Diseases of Nervous System	1	2	3
Chronic Rheumatic Heart Disease	3	3	6
Hypertensive Disease	7	4	11
Ischaemic Heart Disease	111	62	173
Other Forms of Heart Disease	14	23	37
Cerebrovascular Disease	33	40	73
Other Diseases of Circulatory System	18	13	31
Influenza	1	2	3
Pneumonia	20	21	41
Intestinal Obstruction and Hernia	-	1	1
Bronchitis and Emphysema	28	10	38
Asthma	-	1	1
Other Diseases of Respiratory System	3	-	3
Peptic Ulcer	1	2	3
Appendicitis	1	-	1
Other Diseases of Digestive System	3	4	7
Nephritis and Nephrosis	3	2	5
Other Diseases, Genito-Urinary System	3	3	6
Diseases of Musculo-Skeletal System	1	1	2
Congenital Anomalies	2	2	4
Birth Injury, Difficult Labour, etc.	2	-	2
Other Causes of Perinatal Mortality	4	-	4
Symptoms and Ill Defined Conditions	1	4	5
Motor Vehicle Accidents	2	1	3
All other Accidents	5	6	11
Suicide and Self-inflicted Injuries	-	2	2
All other External Causes	-	1	1
	<hr/>	<hr/>	<hr/>
	328	276	604
	<hr/>	<hr/>	<hr/>

STATISTICS FOR 1971. 1972 AND THE PERIOD 1967 - 1971

B O R O U G H O F L E I G H	Per 1,000 Estimated Population			Mortality Ratio	
	Live Births Crude Rate	Crude Death Rate	Death Rate from Pulmonary Tuberculosis	Maternal	Infants
				Rate per 1,000 Total Births	Rate per 1,000 Live Births
Mean of 5 years (1967 - 1971)	18.0	13.5	0.05	Nil	20.6
Year 1971	18.0	13.6	0.02	Nil	17
Year 1972	16.8	13.0	0.02	Nil	18
Increase or decrease in 1972 on 5 years average (1967 - 1971)	1.2	- 0.5	- 0.03	Nil	- 2.6
Increase or decrease in 1972 on 1971	- 1.2	- 0.6	Nil	Nil	+ 1



## BIRTH RATE/DEATH RATE

The total number of registered live births assignable to the Borough of Leigh for the year 1972 was 778 compared with 829 the previous year. The corresponding crude Birth Rate for the two years respectively is 16.8 and 18.0 per 1,000 estimated population.

The crude death rate is 13.0 per 1,000 of the estimated resident population, but when this is corrected and adjusted by making allowances for the age and sex distribution of the population it becomes comparable with the death rate of the country as a whole, or with the death rate of any other area. This standardised death rate, as it is then termed, is 13.8 per 1,000 estimated population for the Borough of Leigh.

The following table gives the Birth and Death Rates per 1,000 estimated population for Leigh and England and Wales during the last 25 years.

Year	Birth Rates (Adjusted)		Death Rates (Adjusted)	
	Leigh	England & Wales	Leigh	England & Wales
1948	17.9	17.9	11.3	10.8
9	17.4	16.7	12.4	11.7
1950	16.5	15.8	11.8	11.6
1	14.7	15.5	12.7	12.5
2	13.9	15.3	11.7	11.3
3	15.1	15.5	10.2	11.4
4	14.9	15.2	11.8	11.3
5	14.4	15.0	14.5	11.7
6	15.0	15.7	15.3	11.7
7	15.4	16.1	15.3	11.5
8	16.1	16.4	14.0	11.7
9	15.9	16.5	16.4	11.6
1960	15.7	17.1	14.6	11.5
1	16.6	17.4	16.8	12.0
2	17.1	18.0	16.1	11.9
3	19.1	18.2	14.4	12.2
4	20.1	18.4	14.0	11.3
5	19.7	18.1	15.0	11.5
6	19.8	17.7	14.7	11.7
7	19.9	17.2	16.2	11.2
8	20.2	16.9	14.7	11.9
9	18.9	16.3	15.1	11.9
1970	20.2	16.0	16.0	11.7
1	19.8	16.0	15.5	11.6
2	17.1	14.8	13.8	12.1

## STILL BIRTH RATE

The total number of registered still births assignable to the Borough during the year was 7 compared with 16 the previous year, giving rates for the two years of 0.15 and 0.34 respectively per 1,000 estimated population. The still birth rate for England and Wales during the period was 0.18.

BIRTH RATES AND DEATH RATES, ANALYSIS OF  
MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS  
DISEASES FOR THE YEAR 1972

	Rates per 1,000 Home Population	
	Leigh	England & Wales
<b>BIRTHS:-</b>		
Live Births	16.8	14.8
Still Births	0.15	0.18
<b>DEATHS:-</b>		
All Causes	13.0	12.1
Tuberculosis - All forms	0.02	0.030
"    - Respiratory	0.02	0.020
"    - Respiratory (late effects)	Nil	0.007
"    - Other	Nil	0.004
Cancer - All forms	2.42	2.43
"    - Lung & Bronchus	0.43	0.65
"    - Other Cancer	1.99	1.78
Maternal Mortality	Nil	0.15 (b)
Infant Mortality	18 (b)	17 (b)
Neo-Natal Mortality	14 (b)	12 (b)
Perinatal Mortality	19 (a)	22 (a)
Early Neo-Natal Mortality	10 (b)	10 (b)
<b>NOTIFICATIONS:-</b>		
Typhoid Fever	Nil	0.003
Paratyphoid Fever	Nil	0.002
Scarlet Fever	0.99	0.228
Whooping Cough	Nil	0.042
Diphtheria	Nil	0.000
Smallpox	Nil	0.000
Measles	10.53	2.971
Acute Poliomyelitis - Paralytic	Nil	0.000
"    "    - Non-Paralytic	Nil	0.000
Acute Encephalitis - Infective	Nil	0.001
"    "    - Post Infectious	Nil	0.002
Dysentery	0.04	0.184
Food Poisoning	0.02	0.111
Tuberculosis - Respiratory	0.28	0.177
"    - Meninges & C.N.S.	Nil	0.002
"    - Other	Nil	0.046
Anthrax	Nil	0.000
Infective Jaundice	0.04	0.250
Acute Meningitis	0.04	0.032
Tetanus	Nil	0.000
Leptospirosis	Nil	0.000
Ophthalmia Neonatorum	Nil	0.007
Plague	Nil	Nil
Cholera	Nil	Nil
Typhus Fever	Nil	Nil
Relapsing Fever	Nil	Nil
Yellow Fever	Nil	Nil
Malaria	Nil	0.007

(a) Per 1,000 total live and still births

(b) Per 1,000 live births

INCIDENCE AND MORTALITY OF TUBERCULOSIS 1972

AGE PERIODS	Cases Notified						Deaths			
	Pulmonary			Non-Pulmonary			Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F	M	F
Under 1	1	-	-	-	-	-	-	-	-	-
1 - 4 years	-	-	-	-	-	-	-	-	-	-
5 - 9 "	-	-	-	-	-	-	-	-	-	-
10 - 14 "	-	-	-	-	-	-	-	-	-	-
15 - 24 "	2	-	-	-	-	-	-	-	-	-
25 - 34 "	1	2	-	-	-	-	-	-	-	-
35 - 44 "	1	1	-	-	-	-	-	-	-	-
45 - 54 "	-	-	-	-	-	-	-	-	-	-
55 - 64 "	-	-	-	-	-	-	-	-	-	-
65 and upwards	5	-	-	-	1	-	1	-	-	-
TOTALS	10	3	-	-	1	-	1	-	-	-
	13			-			1		-	

INCIDENCE AND MORTALITY OF TUBERCULOSIS

1955 - 1972

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Notified Cases:-																		
(a) Pulmonary	19	24	24	28	20	15	22	25	8	11	17	22	9	18	16	10	6	13
(b) Non-Pulmonary	1	3	3	3	2	1	1	2	2	-	2	-	2	-	2	-	-	-
Deaths:-																		
(a) Pulmonary	5	5	2	7	6	2	1	3	1	3	1	2	4	3	4	1	1	1
(b) Non-Pulmonary	-	-	-	-	-	-	1	-	1	-	-	1	-	1	-	-	-	-



SUMMARY OF THE INCIDENCE OF THE PRINCIPAL NOTIFIABLE DISEASES

OTHER THAN TUBERCULOSIS, 1962 - 1972

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Scarlet Fever	6	5	8	21	83	14	22	21	26	29	46
Diphtheria	-	-	-	-	-	-	-	-	-	-	-
Measles	21	564	521	154	609	64	370	231	664	103	488
Whooping Cough	3	19	-	-	10	26	12	7	9	3	-
Meningococcal Infection	-	-	-	-	-	-	-	-	-	1	2
Dysentery	4	-	11	-	1	-	7	2	14	2	2
Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	4	8	1
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-
Anthrax	-	-	1	-	-	-	-	-	-	-	-
Infective Jaundice	-	-	-	-	-	-	10	23	34	4	2
TOTALS	34	588	541	175	703	104	421	284	751	150	541

INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis) 1972

AGE PERIODS																													
Under 1				1-		2-		3-		4-		5-		10-		15-		20-		35-		45-		65-		Age Unknown		Total	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
14	7	44	34	41	39	31	30	37	38	90	79	2	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	259	229
-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
-	-	1	-	-	2	1	4	4	4	11	15	1	2	-	-	-	-	-	-	-	-	-	-	-	-	19	27		
-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
14	8	45	35	41	41	33	34	41	42	103	94	4	2	-	-	-	-	1	-	1	-	-	-	-	-	283	258		
T O T A L S																													

SECTION "B"

GENERAL PROVISIONS

OF THE

HEALTH SERVICES

IN THE

BOROUGH

GENERAL PROVISIONS OF THE HEALTH SERVICES  
IN THE BOROUGH

AMBULANCE SERVICE

Request for Ambulance Service - Telephone 061-794 4343

CARE OF CHILDREN - CHILDREN ACT. 1948

Children's Committee, Lancashire County Council, Area No. 11

Area Children's Office,  
Williams & Glyn's Bank Chambers,  
Market Street,  
Leigh. Tel: Leigh 72206

CLINICS

1. ANTE-NATAL:

College Street Clinic	Wednesday	1.30 p.m. - 3.00 p.m.
	Thursday	1.30 p.m. - 3.00 p.m.

2. RELAXATION CLASS:

College Street Clinic	Friday	1.30 p.m. - 3.00 p.m.
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3. FAMILY PLANNING:

College Street Clinic	Monday	1.30 p.m. - 2.30 p.m.
	Tuesday	7.00 p.m. - 8.00 p.m.

4. IMMUNISATION:

(i) At the five County Clinics in the Leigh area  
by arrangement as required.

(ii) The general practitioner service.

5. POLIOMYELITIS VACCINATION:

Children of pre-school age - each of the Child Welfare Clinics  
by arrangement.

6. CHILD WELFARE:

(i) College Street Clinic	Tuesday	2.00 p.m. - 4.00 p.m.
(ii) Beech Walk Clinic	Thursday	2.00 p.m. - 4.00 p.m.
(iii) Ingham Street Clinic	Wednesday	2.00 p.m. - 4.00 p.m.
(iv) Wigan Road Methodist Chapel	Monday	2.00 p.m. - 4.00 p.m.
(v) Higher Field Clinic	Alternate Wednesdays	2.00 p.m. - 4.00 p.m.

7. MINOR AILMENTS OF SCHOOL CHILDREN:

College Street Clinic	Monday	10.00 p.m. - 12 noon
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8. DENTAL:

College Street Clinic	By appointment
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## C L I N I C S (Continued)

### 9. OPHTHALMIC:

Colloge Street Clinio, Leigh By appointment

### 10. ORTHOPAEDIC:

Elliott Street Clinio, Tyldesley By appointment

### 11. SPEECH THERAPY:

Colloge Street Clinio, Leigh By appointment

### 12. CHIROPODY:

Colloge Street Clinio, Leigh By appointment

### 13. CERVICAL SMEARS:

Colloge Street Clinic, Leigh By appointment

### 14. DAY NURSERIES:

Stone House, Etherstone Street, Leigh  
Cavendish Street, Leigh

### 15. TUBERCULOSIS:

Chest Clinic, Leigh Infirmary, Leigh.

### 16. VENEREAL DISEASES:

#### (i) CIVIC CENTRE, BOLTON

Males and Females:

Monday and Friday	9.00 a.m. - 12 noon : 4.00 p.m. - 6.30 p.m.
Wednesday	9.00 a.m. - 12 noon : 2.30 p.m. - 6.30 p.m.
Tuesday and Thursday	9.00 a.m. - 12 noon
Saturday	9.00 a.m. - 10.30 a.m.

#### (ii) ROYAL ALBERT EDWARD INFIRMARY, WIGAN

Females:

Wednesday 2.00 p.m. - 6.00 p.m.

Males:

Friday 2.30 p.m. - 6.30 p.m.

## C O N V A L E S C E N C E:

Arrangements made by the Lancashire County Council through the Divisional Medical Officer.

## C O N V A L E S C E N T T R E A T M E N T

Arrangements made by the Regional Hospital Board.

## H E A L T H V I S I T I N G S E R V I C E

Health Visitor/School Nurses are employed in the area by the Lancashire County Council.

## HOME HELP SERVICE

Provided by the Lancashire County Council.

## HOME NURSING SERVICE

District Nurses are provided in the area by Lancashire County Council.

## HOSPITALS

- |                               |  |
|-------------------------------|--|
| 1. <u>GENERAL:</u>            | Leigh Infirmary.<br>Astley Hospital, Astley.<br>Atherleigh Hospital.         |
| 2. <u>INFECTIOUS DISEASE:</u> | Monsall Hospital, Manchester.  |
| 3. <u>MATERNITY:</u>          | Billinge Hospital, Billinge, Nr. Wigan.<br>Bolton District General Hospital. |

## LABORATORY FACILITIES

Laboratories at Leigh, Wigan and Bolton Infirmaries and the Regional Laboratories of the Public Health Laboratory Service at Withington Hospital, Manchester and at Preston.

## MATERNITY HOMES

The Firs, Leigh.

## MIDWIFERY SERVICE

Domiciliary midwives employed in the area by the Lancashire County Council.

## MORAL WELFARE WORK

Local Worker:-	Mrs. B. Simmons, 27 Blackfriars Road, SALFORD, 3.  Tel: 061-832 5253
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## NURSING HOMES

None in the district.

## UNMARRIED MOTHERS AND ILLEGITIMATE CHILDREN

Provision for their care is made by the Lancashire County Council in conjunction with voluntary organisation.

## WELFARE SERVICES

Arrangements made by the Lancashire County Council.

Residential accommodation at Atherleigh Grange, Hourigan House and Lyndhurst, Leigh etc.

## X - RAY FACILITIES

At Leigh, Bolton and Wigan Infirmaries. Facilities for special chest cases at Chest Clinic, Leigh Infirmary.

SECTION "C"

PREVENTION OF AND CONTROL

OVER INFECTIOUS AND

OTHER DISEASES

PREVENTION OF AND CONTROL OVER INFECTIOUS  
AND OTHER DISEASES

DIPHTHERIA

No cases were notified. The need to continue the immunisation campaign against the disease, however, remains the most necessary pre-requisite for continued freedom.

DYSENTERY

19 cases were notified, of which 2 were confirmed.

ENCEPHALITIS (Acute)

No cases were notified.

FOOD POISONING

100 cases were notified, of which 1 was confirmed.

INFECTIVE JAUNDICE

2 cases were notified.

MEASLES

488 cases were notified. All proved to be fairly mild and complications were minimal.

ACUTE MENINGITIS

2 cases were notified.

PARATYPHOID FEVER

No cases were notified.

POLIOMYELITIS

No cases were notified.

SCARLET FEVER

46 cases were notified.

SMALLPOX (VARIOLA)

No cases were notified.

TUBERCULOSIS

During the year 13 cases of pulmonary and none of non-pulmonary infection were notified, compared with 6 and none respectively in the previous year.

TYPHOID FEVER

No cases were notified.

WHOOPING COUGH

No cases were notified.

ANTHRAX

No cases were notified.

SECTION "D"

REPORT BY THE

CHIEF PUBLIC HEALTH INSPECTOR

OF THE

ENVIRONMENTAL CIRCUMSTANCES

OF THE AREA



S T A F F

Chief Public Health Inspector:

W I L L I A M   H E W G I L L   L O C K E R

Deputy Chief Public Health Inspector:

A R T H U R   L .   H O P E

District Public Health Inspectors:

Clifford Pedder

Thomas Cooney

Michael J. Howard                      (Appointed 4. 1.1972)

Pupil Public Health Inspector:

Stephen Hilton Cleworth

Technical Assistant (Smoke Control):

Alan Brindle                      (Resigned 4. 4.1972)

Peter J. Smith                      (Appointed 10. 4.1972)

                                    (Resigned 5.11.1972)

John F. Weatherell                      (Appointed 27.11.1972)

Clerical Staff:

Chief Clerk:     Mrs. G. O'Neil

Clerk/Typist:    Miss M. Catterall

      "      "      Mrs. E.M. Warhurst

Disinfector/Mortuary Attendants:

G. List

E. Cathcart

Rodent Operative:

R. Bailey

To the Chairman and Members of the Health and Cleansing Committee.

Mr. Chairman, Ladies and Gentlemen,

I am privileged to present the Annual Report on the department's work in 1972. For me this is my second Report and represents my first full year's work in Leigh.

Comments have been restricted to a minimum and the maximum use made of statistics.

The year has been full of activity in every field and each member of staff has worked to capacity because it is recognised that there is so little time and a considerable task still remaining.

The work on Smoke Control was maintained despite a staff change. Routine inspection on certain food premises was stepped up. In the field of housing a total of 271 houses were represented as unfit which, together with the 'grey properties' exceeded any previous exercise of this nature before in the history of the Borough. The position generally is that in excess of 1000 unfit houses are known to exist in identifiable areas, with many more individuals outside the areas. With these numbers known, it cannot be regarded as a satisfactory state of affairs.

Improvements have taken much of one Inspector's time, in addition to the full time efforts of an officer from another department. The numbers of improved properties in no way reflects the amount of work done. There is little concerted interest in renovating houses in the Clearance Programme, although it is accepted that if owners were to come forward together, with a block scheme, the Council would consider their scheme. One such exercise began but did not come to fruition. The only enthusiasm came from the owners of the better houses. The lack of suitable contractors willing to undertake improvement work is retarding progress. Clearance is, therefore, inevitable.

From this, and from the numbers of parties offering their houses for sale ahead of Council requirements, one must conclude that the occupants desire other, fitter and better houses elsewhere.

It is encouraging to note that the Secretary of State for the Department of the Environment placed such importance on the evidence of two Public Health Inspectors of the adverse environmental consequences of maggot breeding at a Public Inquiry to determine a planning application. The research and enquiries carried out in the department certainly enabled its officers to make an impact. The regular visiting of maggot breeding establishments resulted in a lessening of the fly nuisance and a general improvement in hygienic standards. It was, however, necessary to serve three Statutory Notices for flies and accumulations.

Time and facilities were available for officers to attend the various short courses and professional meetings at which so much is learned, and much valuable contact made.

Re-organisation of Local Government occupied more time than was anticipated and my personal involvement meant extra work to the rest of the staff. On this subject, and with every other, I must express satisfaction with the output of every member of the department's staff.

It would be a serious omission not to acknowledge the support of an enthusiastic Chairman and the backing of the Members for all the facets of the department's work. The support and assistance of the Medical Officer of Health and all the colleagues in Leigh Town Hall is readily recognised; without their co-operation no progress can be made.

Yours faithfully,

W.H. LOCKER,

Chief Public Health Inspector.





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# GENERAL SANITARY ADMINISTRATION

## COMPLAINTS AND ENQUIRIES

1,044 complaints and 1,282 enquiries were received in the office. These are classified in the following tables:-

### COMPLAINTS

Dofective Drains	23
" Closets	22
" Windowframes	6
" Doors	4
" Eavogutters	6
" House Roofs	5
" Floors	6
" Wall and ceiling plaster	-
" Fireplaces	2
" Chimneys	3
Dampness duo te various causes	20
Water Supply	9
Noiso	7
Overcrowding	3
Verminous Houses	18
Rain Ponetration	1
Rats and Mice	792
Miscellaneous	117
	<hr/>
TOTAL	1,044
	<hr/>

### CLASSIFICATION OF ENQUIRIES MADE IN THE OFFICES OF THE DEPARTMENT

	<u>1970</u>	<u>1971</u>	<u>1972</u>
Cortification of Vaccination Certificates	300	340	365
Enquiries regarding complaints previously made	70	76	100
" " Clearance Programme	201	271	274
" " Blocked drains	50	52	25
" " Vermin	54	39	27
" " Food Hygiene Regulations	3	3	-
" " Overcrowding	3	5	-
" " Licencos	7	5	7
" " Cloan Air Act	110	84	29
" " Offiees, Shops & Railway Premises Act	2	5	2
Water Supply	28	16	19
Miscellaneous	416	466	434
	<hr/>	<hr/>	<hr/>
TOTAL	1,244	1,362	1,282
	<hr/>	<hr/>	<hr/>

SUMMARY OF VISITS BY THE PUBLIC HEALTH INSEPECTORS

	Inspoo- tions	Re-inspections	Total	Defects found	Defects romodied
<u>DWELLINGHOUSES:-</u>					
Public Health Act	452	612	1,064	265	220
Housing Acts	922	200	1,122	-	-
Overcrowding	4	2	6	-	-
Improvement Grants	336	-	336	-	-
Qualification Certificates	8	-	8	-	-
Houses - Verminous	39	5	44	8	8
" - Non-Verminous	-	-	-	-	-
Housing Survey	3,540	-	3,540	-	-
<u>GENERAL SANITATION:-</u>					
Tents, Vans and Sheds	-	-	-	-	-
Places of Entertainment	-	-	-	-	-
Streets, Passages, Footpaths	20	-	20	-	-
Schools	3	-	3	-	-
Infectious Diseases	159	18	177	-	-
Markets	3	-	3	-	-
Promises - Animals kept	1	1	2	1	1
Prevention of Damage by Pests Act	124	47	171	20	16
Public Conveniences	-	-	-	-	-
Farms	16	3	19	-	-
Maggot Breeding	51	-	51	-	-
Tips	2	-	2	-	-
Drain Testing - Buildings	37	3	40	-	-
Pet Animals Act	2	-	2	-	-
Clean Air Act	1,032	-	1,032	6	1
Animal Boarding Establishments	5	2	7	-	-
Hairdressers' Byelaws	7	-	7	3	-
Offices, Shops & Railway Promises Act	52	28	80	18	22
Noise Abatement Act	25	1	26	1	-
Shops Act	1	-	1	-	-
Waste Food Order	6	-	6	8	-
Miscellaneous	512	41	553	6	5
<u>FACTORIES ACT:-</u>					
Mechanical Power	20	-	20	-	-
Non-Mechanical Power	1	-	1	-	-
<u>FOOD PREMISES:-</u>					
Bakeryhouses	26	6	32	6	1
Canteens	35	7	42	6	11
Cafes and Restaurants	21	5	26	4	3
Dairies and Milkshops	-	-	-	-	-
Grocers Shops	64	11	75	46	19
Butchers Shops	44	15	59	38	23
Slaughterhouse	278	-	278	-	-
Greengrocers	21	14	35	8	8
Fish Friars	37	16	53	27	17
Wet Fish Shops	4	-	4	7	-
Confectionery Shops	26	6	32	11	6
Food Warehouses	10	1	11	3	3
Licensed Premises	44	77	121	101	113
Hawkers	4	-	4	-	-
Ice Cream Shops and Vendors	30	2	32	2	-
Miscellaneous	15	1	16	-	-
TOTALS	8,039	1,124	9,163	595	477



INFECTIOUS DISEASES - INVESTIGATION  
AND DISINFECTION

159 visits of investigation and 18 re-visits were paid to premises where infectious diseases had occurred.

DISINFESTATION

44 visits were made by the Public Health Inspectors in the course of investigation of verminous premises.

A total of 154 premises were treated by the Disinfestation Staff as follows:-

Houses	111
Business Premises	43

The Council agreed to execute all disinfestation work at domestic premises (except where there is wilful neglect) without charge. The amount involved was not great but it means that no resident need withhold complaint for fear of the costs.

TESTING OF DRAINAGE SYSTEMS

40 visits were paid for the purpose of testing and inspecting existing drainage systems during the year.

Testing of new drainage is carried out by the Borough Surveyor's Department.

CLOSET ACCOMMODATION

Number of fresh water closets	19,180
Number of pail closets	11
Privy Middons	3

The pail closets and privy middons are situated in the semi-rural area of the Borough where it is impracticable to provide water closets.

SEWAGE DISPOSAL

There have been no significant changes in the method of treatment employed at the Sewage Works during 1972, but the Leigh and Atherton Joint Sowerage Board are anticipating that the works will be enlarged in 1973/74 and improved treatment will be adopted.

CANAL BOATS

There were no new registrations of Canal Boats during the year, nor were any inspected. Of recent years few, if any, boats discharge or pick up cargo in the Borough.

## OFFENSIVE TRADES

There are no registered Offensive Trades within the Borough.

Although the breeding of maggots on a commercial scale is not classified as an offensive trade, few of the residents of Leigh who are adversely affected would dissent from the adjective to describe the smell.

The progress hoped for in the last year's report was not forthcoming and the new building was not constructed. Observations continued and it is thought that something approaching 20,000 people in Leigh and the adjacent districts are affected by smell nuisance in certain climatic conditions.

During the year the technical staff of a firm of international reputation saw maggot breeding and thought that by using ozone the smell could be oxidised and the expense of a water main obviated.

The technical problems have still to be ironed out but a temporary treatment unit is in the course of construction.

The Council made available to a Public Health Inspector a sum of money for research and the subject of his choice was the rodent and fly problem associated with maggot breeding. By the end of the year his paper, slides and photographs were ready and he had accepted the invitation from the Ministry of Agriculture, Fisheries and Food to present his paper at the five meetings of the Advisory Committees held in the Lancashire area. Leigh Borough Council had agreed to host the first of these meetings in January, 1973.

A further technical paper on Odour Control had been prepared by another Public Health Inspector and was ready for presentation to the Association of Public Health Inspectors, Wigan and District Branch.

## OVERCROWDING

During the year 4 cases of overcrowding were investigated and two were confirmed.

## PET ANIMALS ACT, 1951

Five licences to keep Pet Shops have been issued during the year.

## ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

Two licences authorising the keeping of a Boarding Establishment for animals were issued during the year. Regular visits were made.

## PUBLIC BATHS

The Public Baths consists of 2 plunges and 12 slipper baths. Facilities are available for Turkish Baths.

Twenty-four samples of swimming bath water were submitted to the Public Health Laboratory for examination, all of which were reported upon satisfactorily. When samples are found to be unsatisfactory the attention of the Baths Manager is immediately drawn to the position and remedial action taken, after which further samples are submitted.

## TENTS, VANS AND SHEDS

There is one licensed caravan site in the Borough containing one caravan.

## RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

No registrations have been made. There are no premises manufacturing rag flock in the Borough.



## SCRAP METAL DEALERS' ACT, 1964

This Act provides for the registration and control of scrap metal dealers and came into operation on the 1st April 1965, being renewable every third year. Every local authority is required to maintain a register of persons carrying on business in their area as scrap metal dealers. During the year 1 firm was registered, together with 1 re-registration.

The total number of registrations at the end of the year was 7 Dealers and 9 Itinerant Collectors. These latter are exempt from the requirements of Section 2 of the Act regarding the keeping of record books. Close co-operation is maintained with the Police regarding the registrations.

## MORTUARY

The Public Mortuary is controlled and staffed by the department. During the year 213 bodies were received, of these 110 were from adjoining districts.

Reason for Admission	1968	1969	1970	1971	1972
Accidents	3	-	2	-	2
Suicide	1	5	4	2	1
Natural Causes	54	82	94	95	98
Misadventure	1	-	-	1	1
Open Verdict	-	3	1	-	1
Industrial Causes	-	4	2	3	-
Out of District	32	47	85	92	110

## REFUSE COLLECTION

This service is under the control of the Director of Public Cleansing and Transport Officer who has supplied the following information:-

Number of movable ashbins	20,200	(Approx).
Number of ashbins emptied	1,010,000	(Approx).
Refuse delivered to tip	21,000 tons	(Approx).

It is perhaps, because of its environmental effect, within the purview of a Public Health Inspector to comment upon this service, even though his department exercises no control.

The removal of refuse from domestic bins was generally prompt and well conducted. Liaison between the two departments is good and the ready co-operation of the Cleansing Director and his staff is appreciated, and their contribution to the issues of Food Hygiene and Pest Control is recognised.

Two items gave problems however - litter and food waste behind certain large town centre food shops and bulky furniture from dwellinghouses. The former mainly arising out of an absence of properly planned storage and the resultant misuse, and the other from a general lack of resources to cope with an increasing demand.

The Director of Cleansing is always willing to remove infected bulky materials as a priority. It must be remembered that items arising out of the normal occupation of a dwellinghouse is, in law, "house refuse", and it is the Council's obligation to move it, but this was not always possible. Many irate complainants were interviewed during the year and the limitations of the service explained. Many expressed a willingness to pay if only they could have the old furniture, beds, mattresses etc., removed.

## NOISE ABATEMENT ACT, 1960

8 complaints under this heading were received and investigated this year as against 4 last year.

- |   |   |
|---|---|
| (1) Noise from activities of a Taxi Firm (2 complaints).            | Not under Noise Abatement Act.  |
| (2) Noise from Printing Press.                                      | Still under investigation.  |
| (3) Noise from loading and unloading of goods from warehouse.       | No noise nuisance substantiated.  |
| (4) Noise from Mill machinery.                                      | No action justified.  |
| (5) Noise from lorries.   | No action.  |
| (6) Noise from Club.  | Management consulted sound installation engineers and work of insulation put in hand. |
| (7) Noise from tractor and compression attachment without silencer. | Firm stated that breakers were now fitted with muffles.                               |

The report of last year which referred to nuisance from a Club, was followed by the fitting of suppressor equipment to the electronic organ, and no further complaints have been received from the residents.

Several representations were made to firms using compressor equipment in the street. We are advised that there is no effective legal redress - a situation which is most difficult to appreciate for a member of the public affected, even for only a short time, by a noise of most disturbing magnitude.

## HAIRDRESSERS' AND BARBERS' ESTABLISHMENTS

Byelaws made under Section 77 of the Public Health Act, 1961, with regard to hairdressers' and barbers' establishments came into force in the Borough on the 1st October 1962, and 7 visits were made to such establishments during the year.

# OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

This Act, the main provisions of which came into force on the 1st August 1964, makes provision for securing the health, safety and welfare of persons employed to work in offices, shops and certain railway premises.

During the year the number of premises on the register has increased to 553 as against 545 for the year ending 1971. There were 9 new registrations of premises and 1 deletion.

The following table gives the Registrations and General Inspections during the year:-

Class of Premises (1)	Number of premises newly registered during the year (2)	Total number of registered premises at end of year (3)	No. of registered premises receiving one or more general inspections during the year (4)
Offices	5	168	17
Retail Shops	4	320	13
Wholesale Shops, Warehouses	-	28	3
Catering Establishments open to the public, Canteens	-	36	17
Fuel Storage Depots	-	1	-
TOTALS	9	553	50

Of the 50 premises receiving a General Inspection during the year, the table below shows the contraventions discovered, to which the occupiers' attention was drawn, together with the number remedied:-

Section	Requirement	No. of Infringements found	No. of Infringements remedied
4	Cleanliness	7	4
6	Temperature	3	-
8	Lighting	2	1
9	Sanitary Conveniences	3	2
12	Accommodation for Clothing	1	-
16	Floors, Passages and Stairs	1	4
24	First Aid Provisions	2	3
50	Abstract of the Act	1	2
	TOTALS	21	16



OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963 (Continued)

Plans submitted for approval continue to be scrutinised and any points relative to the Act are raised with the Architects or the firm in question at the planning stage.

No applications for exemption under Section 46 of the Act were received during the year.

Accidents notified on OSR.2 totalled 8, none of which was of a serious nature. Each report was investigated, none being found to be due to the failure of the employer to ensure safety precautions.

The table below shows the causation and classification of the reported accidents:-

Cause	Code No.	Offices	Retail Shops	Wholesale Shops or Warehouses	Catering Estabs.	Fuel Storage Depots
Falls on the same level	51 - 54	-	2	1	1	-
Handling goods	62	-	1	-	1	-
Struck by falling object	63	-	1	-	-	-
Not otherwise specified	64	1	-	-	-	-

The following premises were registered at the end of the year:-

Class of Premises	No.	No. of persons employed
Offices	168	1,268
Retail Shops	320	1,289
Wholesale Shops/Warehouses	28	234
Catering Establishments and Canteens	36	286
Fuel Storage Depots	1	1
TOTALS	553	3,078

## W A T E R   S U P P L Y

The Makerfield Water Board is the statutory Water Undertaking for the Borough.

The supply is taken in bulk from the Rivington Aqueduct of the Liverpool Corporation and the Lightshaw Works of the Makerfield Water Board.

The character of the water from the Rivington Aqueduct is upland surface, whilst that from the Lightshaw Works is wholly of deep well origin.

Details of treatment of the various waters by the Board are as follows:-

Water derived from Liverpool Aqueduct:	Chlorination.
Water supplied from Lightshaw Treatment Plant:	Aeration, lime softening, filtration, pH correction, superchlorination and dechlorination.

There has been no significant change in the character of the water supplied during the year.

Samples of Town's Mains water are submitted to the Public Health Laboratory for bacteriological examination regularly. During the year 29 samples were examined, all of which proved satisfactory.

In addition to drinking water 7 other samples were submitted for chemical analysis:-

4 samples to assist with percolations of water, a stream and a mill lodge in two other cases and lastly one sample in connection with the water in an air-conditioning plant. This latter sample was most unusual and the analysis revealed that it contained a spectacular fungoid growth.

Number of houses with direct supply from the mains	16,506
Number of houses supplied by standpipe	1
Number of houses with private supply	7
(These are premises beyond the point of supply by mains).	

### F A C T O R I E S   A C T.   1 9 6 1

Number of Factories on the Register at the end of the year	168
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#### CLASSIFICATION

Bakehouses	14
Boot and Shoe Repairers	4
Brick Makers	2
Brush, Skip and Hamper Makers	1
Builders, Builders Merchants and Stonemasons	11
Cable Makers	2
Coach Builders	2
Cotton and Rayon Textile Manufacturers	10
Engineers and Iron Founders	12
Funeral Directors and Coffin Makers	1
Joiners and Cabinet Makers	14
Laundrerers and Dry Cleaners	4
Maltsters and Bottlers	2
Mineral Water Manufacturers	1
Motor Vehicle Repairers	28
Paint Manufacturers	1
Printers	7
Radio and T.V. Repairers	6
Rope Works	1
Scrap Metal Dealers	2
Sheet Metal Workers and Welders	6
Tailors and Overall Makers	9
Toffee Works	1
Wire Works	1
Others	26

T O T A L	168
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The following tables give particulars of the inspections during the year under Part 1 of the Factories Act 1961, and an analysis of the defects which were found, with particulars of the action taken.

FACTORIES - INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH

Premises	No. on Register	No. of inspections	No. of Written Notices	No. of Occupiers Prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	5	1	-	-
Factories not included in (1) in which Section 7 is enforced by Local Authority	159	18	-	-
Other Premises in which Section 7 is enforced by Local Authority (excluding outworks premises).	4	2	-	-
T O T A L S	168	21	-	-

FACTORIES - CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number of Defects					No. of offences in respect of which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector		
Nuisances under the Public Health Acts:-						
Want of Cleanliness	-	-	-	-		-
Overcrowding	-	-	-	-		-
Unreasonable temperature	-	-	-	-		-
Inadequate ventilation	-	-	-	-		-
Ineffective drainage of floors	-	-	-	-		-
Sanitary Conveniences:-						
(a) Insufficient	1	1	-	1		-
(b) Unsuitable or defective	26	14	-	-		-
(c) Not separate for sexes	-	-	-	-		-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-		-
T O T A L S	27	15	-	-		-



PART VIII OF THE ACT - OUTWORK

Nature of Work  (1)	SECTION 133			SECTION 134		
	No. of out-workers in August list required by Section 133 (1)(c)  (2)	No. of cases of default in sending lists to the Council  (3)	No. of prosecutions for failure to supply lists  (4)	No. of instances of work in unwholesome premises  (5)	Notices served  (6)	Prosecutions  (7)
Alterations to Wearing Apparel	1	-	-	-	-	-

SMOKE ABATEMENT AND ATMOSPHERIC POLLUTION  
CLEAN AIR ACT, 1956

The following Smoke Control Areas are operative in the Borough:-

Smoke Control Area	Acreage	No. of Dwellings	No. of Industrial Premises	No. of Commercial Premises	Others	Operative Date
No. 1	42	420	9	245	17	1. 9. 62.
No. 2	239	1,347	7	169	18	1.10. 63.
No. 3	82	1,000	2	50	18	1. 9. 63.
No. 4	191	778	2	28	7	1. 8. 67.
No. 5	94	741	-	35	4	1. 7. 68.
No. 6	592	232	-	4	-	1. 7. 69.
No. 7	32	33	-	-	33	1. 8. 68.
No. 8	280	619	3	-	3	1. 9. 69.
No. 9	507	826	-	2	-	1. 6. 70.
No. 10	83	654	2	3	-	1. 9. 70.
No. 11	1,885	1,381	3	12	5	1. 6. 71.
No. 12	116	955	11	49	9	1. 9. 72.

During the year one further Smoke Control Area (No. 13) was submitted to the Ministry and confirmed. Particulars of the area are as follows:-

Smoke Control Area	Acreage	No. of Dwellings	No. of Industrial Premises	No. of Commercial Premises	Others	Operative Date
No. 13	310	1,050	1	9	9	1. 9. 73.

The survey was commenced for the Nos. 14 and 15 Smoke Control Areas on two 'islands' of property which had been excluded, one because of clearance and the other for financial reasons.

VOLUMETRIC APPARATUS

The measurement of pollution has continued during the year by the use of volumetric apparatus. The results are submitted to the Department of Scientific and Industrial Research where they are co-ordinated into the National Survey of Atmospheric Pollution.

The results are given in the following tables in the form of highest, lowest and average of the daily readings at the three sites in each month for the year 1972 and the corresponding figures for 1971.

VOLUMETRIC APPARATUS (Continued)

T O W N H A L L

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972
January	293	84	1600	365	40	18	424	166	1500	285	32	94
February	167	91	580	210	38	37	222	180	425	260	104	90
March	105	107	225	570	46	33	230	182	348	290	152	67
April	177	44	320	104	62	14	186	100	360	200	104	58
May	55	40	162	84	20	7	139	164	300	260	76	112
June	20	29	38	60	10	7	66	114	124	270	33	48
July	30	28	64	58	10	6	101	94	148	153	56	41
August	42	27	72	70	18	10	112	77	154	110	60	45
September	80	71	148	164	14	22	109	158	188	293	58	60
October	78	89	160	190	10	37	107	231	190	365	64	150
November	104	122	400	695	27	17	179	153	550	590	40	19
December	108	114	330	530	18	15	203	150	450	530	80	90
Average	105	70	342	258	26	19	173	147	395	301	72	73



VOLUMETRIC APPARATUS (Continued)

F I R S L A N E

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972
January	169	94	710	410	36	10	144	120	390	220	20	52
February	180	101	750	240	36	34	138	101	320	250	65	44
March	107	111	210	144	32	23	130	114	210	200	70	60
April	103	38	194	72	34	14	169	65	265	150	96	13
May	53	38	146	81	13	10	93	98	200	175	45	41
June	43	31	64	54	14	10	86	76	128	125	35	54
July	24	26	56	60	10	9	70	74	140	127	44	24
August	37	25	72	44	13	10	65	69	108	127	52	41
September	79	67	180	195	26	22	97	117	205	220	60	54
October	90	88	230	182	30	27	102	148	210	285	54	68
November	133	105	440	775	32	40	154	68	475	188	72	68
December	133	147	380	720	19	22	119	67	320	220	45	30
Average	96	73	286	248	25	19	114	93	248	191	55	46

VOLUMETRIC APPARATUS (Continued)

C H A P E L   S T R E E T

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972
January	50	93	400	390	20	14	172	111	580	205	79	47
February	95	74	285	136	25	12	140	121	270	200	75	78
March	66	76	136	142	36	25	134	112	210	220	70	65
April	55	39	110	92	32	18	142	68	225	184	62	28
May	35	37	86	90	18	7	75	94	144	158	30	58
June	38	26	60	56	17	6	65	85	150	158	34	38
July	15	26	29	55	9	12	66	71	124	190	36	12
August	26	28	44	56	10	10	68	50	108	88	37	30
September	33	64	76	148	11	32	88	88	170	148	52	48
October	33	76	56	162	15	18	97	110	180	173	49	60
November	43	68	106	196	15	23	163	70	480	140	80	60
December	59	93	225	580	11	20	128	73	260	285	64	45
Average	46	58	134	175	18	16	112	88	242	179	56	47

# INVESTIGATION OF AIR POLLUTION

The level of pollution shows a steady decrease over the past years and as more Smoke Control Areas become operative this rate of progress is increasing. This is brought out quite clearly when looking at relative figures taken from the National Survey Annual Summary.

The results are divided into Summer (April - September) and Winter (October - March) periods. The figures are relative in that they show the average measured amount of smoke from the three stations maintained by ourselves, the results of which are transmitted to the Warren Spring Laboratory of the Ministry of Technology where they are arranged by computer.

The figures quoted relate to smoke (microgrammes per cubic metre) and, as some help to comparisons, relative figures are also given for Lancaster and Stretford.

Year	<u>LEIGH</u>		<u>STRETFORD</u>		<u>LANCASTER</u>	
	Summer	Winter	Summer	Winter	Summer	Winter
1962/63	120	365	103	476	60	211
1963/64	109	252	99	279	52	140
1964/65	73	268	77	290	38	181
1965/66	78	232	84	186	46	126
1966/67	85	217	81	163	35	86
1967/68	63	240	51	176	33	130
1968/69	68	202	61	147	37	93
1969/70	59	148	49	133	31	81
1970/71	57	125	51	106	26	71
1971/72	54	87	47	74	*	*

\* Insufficient number of daily concentrations for the calculation of an average.

The news item of the effects of lead from a smelting process in Southwark upon school children prompted me to look at the situation in Leigh.

The Borough has one non-scheduled plant which melts lead to coat cable and the furnace discharges directly to the atmosphere at a comparatively lower level. The firm had run medical tests upon its staff which satisfied their Medical Officer that no employee was at risk. The details were made available to the department, but whilst this covered the internal conditions it still left the emission to be investigated.

No sampling equipment was readily available in a made-up form. Arrangements were quickly made to assemble a pump and filter for gas sampling and liaison with the Public Analyst was set up. The latter's comments and enthusiasm proved most enlightening and encouraging.

Once the apparatus is in use it is hoped to employ it on measurements in the streets.

One colliery boiler plant gave cause for concern during the year, but the stokers were replaced and the emissions in excess of the Permitted Periods Regulations were less frequent. A grit nuisance, due to the failure of the arrestors, occurred at the latter end of the year, with a great deal of inconvenience to the residents of the Walmesley Road area.



## H O U S I N G

Following the painstaking survey work done in re-appraising the overall clearance proposals, a well-defined picture emerged, which was then broken down and phased over a five-year period. As a result clearance work was accelerated during the year under review and 280 houses were inspected in detail by the staff of the department.

Year	Number of houses dealt with			Persons displaced		
	As Clearance Areas	As Individual Houses	Total	From Clearance Areas	From Individual Houses	Total
Pre-Programme (Post 1945)	11	35	46	31	104	135
1955	5	3	8	21	7	28
1956	44	7	51	156	27	183
1957	23	72	95	64	187	251
1958	100	72	172	283	194	477
1959	82	31	113	225	97	322
1960	73	14	87	171	53	224
1961	18	24	42	37	58	95
1962	27	11	38	69	34	103
1963	12	20	32	27	49	76
1964	84	5	89	227	12	239
1965	29	13	42	94	34	128
1966	109	13	122	283	30	313
1967	49	31	80	102	65	167
1968	90	14	104	209	33	242
1969	123	26	149	330	69	399
1970	95	12	107	244	22	266
1971	44	37	81	74	86	160
1972	271	9	280	665	18	683
T O T A L	1,289	449	1,738	3,312	1,179	4,491

### HOUSES REPRESENTED

Fifteen Clearance Areas, comprising 271 houses, were represented during the year.

Confirmation was received in respect of the Union Street (No. 2) Clearance Area, and objections received in respect of the Lord Street (No. 2) Clearance Area Compulsory Purchase Order, 1971. A Public Inquiry is to be held on the 6th March, 1973.

Additionally, objections were received in respect of the Kirkhall Lane (No. 6) Clearance Area Compulsory Purchase Order 1972, the Kirkhall Lane (No. 7) Clearance Area Compulsory Purchase Order 1972, the Victoria Street Clearance Area Compulsory Purchase Order 1972 and the Grundy Street Clearance Area Compulsory Purchase Order 1972. As a result a Public Inquiry will be held in respect of the Areas on the 11th April, 1973.

## HOUSING (Continued)

### HOUSES REPRESENTED (Continued)

A further 20 promises were dealt with under Section 16(1), one under Section 18(1a) of the Housing Act 1957, and in respect of another individual house consultations were commenced with a view to acquisition by a commercial undertaking, the owner/occupier being in full agreement with the arrangement.

It is of interest to point out that of the 20 houses dealt with by undertakings, 13 of these undertakings have been voluntarily given by the owners in advance of confirmation of the Clearance Order, owing to their unsatisfactory condition.

The 22 houses dealt with are as follows:-

Address of Property	Persons displaced or to be displaced.
93 Chapel Street (part of building)	2
39 Lord Street	4
47 Firs Lane	2
* 20 Holt Street	1
* 50 Victoria Street	1
* 56 Victoria Street	2
* 58 Victoria Street	2
63 Firs Lane	-
* 38 Victoria Street	1
* 18 Holt Street	3
* 32 Holt Street	6
* 42 Victoria Street	5
* 9 Common Lane	6
52, 54 and 58 Ellesmere Street	8
56 Ellesmere Street (Negotiation by Co-operative Retail Services Ltd.)	1
* 2, 4 and 16 Holt Street	10
94 Firs Lane	1
* 44 Victoria Street	1

\* Already in Clearance Areas - undertakings given prior to confirmation.

Applications for aid towards removal expenses in the case of Old Age Pensioners in respect of premises falling within the scope of the Housing Act have always been received sympathetically. The maximum grant towards such expenses continues to be £6.50.

This year payments were made in respect of 6 applications.



DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED  
FROM 1954 TO 31st DECEMBER, 1972

Year			Clearance Areas		Individual Houses	
			No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	Pre-Programme (Post 1945)	Clearance Areas Individual Houses	11	31	35	104
1955	Alma Street Individual Houses		5	21	3	7
1956	Tickle Street		6	21		
	Kenyon Street		4	8		
	Taylor Street		3	11		
	Hulmes Buildings		4	15		
	Ditchfield Street		8	29		
	Westwell Street (No. 2)		11	43		
	Wostleigh Lane (No. 9)		5	20		
	Ann Street Individual Houses		3	9	7	27
1957	Westleigh Lane (No. 8)		3	6		
	Brooks Houses (No. 1)		4	11		
	Siddow Common (No. 3)		6	15		
	Welch Hill Street (No. 4)		5	15		
	Welch Hill Street (No. 5)		5	17		
	Individual Houses				72	187
1958	Back Brown Street		4	18		
	Twist Lane (No. 3)		6	14		
	Sanderson's Croft		6	22		
	Deans Row		12	30		
	Warrington Road (No. 5)		5	18		
	Birchall Street		8	16		
	River Street		8	21		
	Mill Street		5	16		
	Duke Street (No. 1)		7	24		
	Sizehouse Place		5	13		
	Cross Street (No. 3)		6	14		
	Plank Lane (No. 3)		6	18		
	Duko Stroet (No. 2)		5	12		
	Twist Lane (No. 4)		10	30		
	Leigh Street Individual Houses		7	17	72	194
1959	Princess Street		21	57		
	Dukinfield Stroet		10	26		
	Dukinfield Street (No. 2)		5	15		
	Dukinfield Stroet (No. 3)		18	45		
	Dukinfield Street (No. 4)		12	37		
	High Street Individual Houses		16	45	31	97
c/fwd.			265	780	220	616

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED  
FROM 1954 TO 31st DECEMBER, 1972 (Continued)

Year		Clearance Areas		Individual Houses	
		No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	b/fwd.	265	780	220	616
1960	Westleigh Lane (No.10) Compulsory Purchase Order	4	9		
	Mather Lane - ditto -	19	48		
	John Street (No. 2) - ditto -	14	28		
	Twist Lane (No. 5)	5	14		
	Dorby Street West (No. 1)	5	14		
	Dorby Street West (No. 2)	6	16		
	Dorby Street West (No. 3)	12	26		
	Brown Street South	8	16		
	Individual Houses			14	53
1961	Warrington Road (No. 6)	4	9		
	Nol Pan Lane	5	14		
	Hilden Street	9	14		
	Individual Houses			24	58
1962	Green Lane (No. 4)	9	20		
	Duke Street (No. 3)	6	12		
	Hill View	4	13		
	Wood End (No. 2)	4	10		
	Henry Street	4	14		
	Individual Houses			11	34
1963	Bedford Grove	6	15		
	Lord Street	6	12		
	Individual Houses			20	49
1964	Collego Street (No. 1)	15	42		
	Collego Street (No. 2)	7	29		
	Collego Street (No. 3)	62	156		
	Individual Houses			5	12
1965	Strange Street	6	26		
	Boat Street	23	68		
	Individual Houses			13	34
1966	Duke Street (No. 4)	4	9		
	Chapel Street (No. 5)	28	54		
	Coal Pit Lane	42	143		
	Green Lane (No. 5)	6	3		
	Norbury Street (No. 2)	4	9		
	Westleigh Lane (No.11)	4	17		
	Wharf Street	21	48		
	Individual Houses			13	30
	c/fwd.	617	1,688	320	886

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED  
FROM 1954 TO 31st DECEMBER, 1972 (Continued)

Year			Clearance Areas		Individual Houses	
			No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
		b/fwd.	617	1,688	320	886
1967	High Street	(No. 2)	8	19		
	Tideswell Street		12	32		
	Chapel Street	(No. 6)	17	33		
	Firs Lane		5	10		
	Johnson Street		7	8		
	Individual Houses				31	65
1968	Chapel Street	(No. 7)	49	122		
	Colloge Street	(No. 4)	5	17		
	Ellesmere Street		16	35		
	Nel Pan Lane	(No. 3)	14	35		
	Edale Road		6	-		
	Individual Houses				14	33
1969	Henry Street	(No. 2)	103	281		
	Westloigh Lane	(No.12)	10	27		
	Westloigh Lane	(No.13)	5	8		
	Westleigh Lane	(No.14)	5	14		
	Individual Houses				26	69
1970	Tunnioliffe's Old Row		18	57		
	Norbury Street	(No. 3)	7	20		
	Norbury Street	(No. 4)	33	92		
	Brown Street		17	28		
	Brown Street	(No. 2)	20	47		
	Individual Houses				12	22
1971	Cawdor Street		17	32		
	Lord Street	(No. 2)	27	42		
	Individual Houses				37	86
			1,018	2,647	440	1,161
			No. of Houses	No. of Persons to be Displaced	No. of Houses	No. of Persons to be Displaced
1972	Union Street		6	9		
	Union Street	(No. 2)	3	3		
	Kirkhall Lane	(No. 6)	20	47		
	Kirkhall Lane	(No. 7)	95	235		
	Victoria Street		51	140		
	Common Lane		9	20		
	Navigation Street		40	113		
	Plank Lane	(No. 4)	11	22		
	Strange Street	(No. 2)	3	4		
	Plank Lane	(No. 5)	3	7		
	Wild's Passage		5	9		
	Grundy Street		7	12		
	Stout Street		6	12		
	Plank Lane	(No. 6)	9	27		
	Plank Lane	(No. 7)	3	5		
	Individual Houses				9	18
			271	665	9	18



MEASUREMENT FOR PERMITTED NUMBERS - HOUSING ACT, 1957 SECTION 77

6 Certificates of Permitted Numbers were issued respecting 32 dwellings.

PROVISION OF NEW HOUSES

(a)	Total		299
	(i) By Local Authority	Houses	-
		Flats	30
	(ii) By other Local Authorities	Houses	-
	(iii) By other bodies or persons	Houses	269
(b)	With State Assistance under the Housing Acts:-		
	(i) By Local Authority	Houses	-
		Flats	30
	(ii) By other bodies or persons	Houses	-

IMPROVEMENT GRANTS

Particulars of applications received during the year are as follows:-

	<u>Standard</u> <u>Grants</u>	<u>Discretionary</u> <u>Grants</u>
Applications received	126	108
Applications approved	95	97
Applications refused	31	11

1. INSPECTION OF DWELLINGHOUSES DURING THE YEAR

(1) (a)	Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts	1,378
(b)	Inspections made for the purpose.	2,186
(2) (a)	Dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	27
(b)	Inspections made for the purpose	52
(3)	Dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	280
(4)	Dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation.	197

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES

Defective dwellinghouses rendered fit in consequence of informal action by the Local Authority.	90
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### 3. ACTION UNDER STATUTORY POWERS

A.	<u>Proceedings under Sections 9, 10 and 16 of the Housing Act, 1957:-</u>	
(1)	Dwellinghouses in respect of which notices were served requiring repairs	N11
(2)	Dwellinghouses which were rendered fit after service of formal notice:-	
(a)	by owners	N11
(b)	by Local Authority in default of owners	N11
B.	<u>Proceedings under Public Health Acts:-</u>	
(1)	Dwellinghouses in respect of which notices were served requiring defects to be remedied.	58
(2)	Dwellinghouses in which defects were remedied after service of formal notice:-	
(a)	by owners	27
(b)	by Local Authority in default of owners	36
C.	<u>Proceedings under Sections 16 and 23 of the Housing Act, 1957:-</u>	
(1)	Dwellinghouses in respect of which Demolition Orders were made	N11
(2)	Dwellinghouses demolished in pursuance of Demolition Orders	15
(3)	Dwellinghouses closed in pursuance of Closing Orders.	18
D.	<u>Proceedings under Section 18 of the Housing Act, 1957:-</u>	
(1)	Separate tenements or underground rooms in respect of which Closing Orders were made.	1
(2)	Separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit.	N11

### 4. HOUSING ACT, 1957 - OVERCROWDING

Cases of overcrowding investigated during the year	4
Cases of overcrowding confirmed during the year	2
Families involved	5
Persons dwelling therein	19
Families re-housed	N11
Persons involved	N11

The Housing Committee allocate Corporation Houses on a points scheme.

At the end of the year there were 501 applicants on the Corporation housing list, of which 242 were living in lodgings.



# TABLE OF DEFECTS DEALT WITH IN DWELLINGHOUSES

The following table shows the number and types of defects found and remedied in dwellinghouses during the current year:-

<u>Nature</u>	<u>Found</u>	<u>Remedied</u>
Drains	58	53
Roofs	22	23
Eavesgutters	23	12
Rainwater pipes	12	-
Walls External : Defective Brickwork	17	10
"        "        : Dampness penetrating	2	4
Walls Internal : Damp wallplaster	24	8
"        "        : Defective wallplaster	5	-
Defective ceiling plaster	2	1
Sinks	1	2
Sink waste pipes	1	1
Floors	11	15
Window-frames : Defective woodwork	20	14
"        "        : Sashes and inadequate ventilation	3	1
"        "        : Glazing	-	-
Doors	6	4
Inadequate lighting - Natural	-	-
Fire Ranges : Smoke emission	3	5
"        "        : Defective	1	2
Insufficient Water Supply	9	10
Closets : Fresh Water	23	34
"        : Waste Water	1	1
Yards and Passages	5	4
Other Defects	16	16
	<u>265</u>	<u>220</u>

Repairs were carried out in default of owners, following service of Statutory Notices under the Public Health Act, 1936 at a total cost of £129.24.

Repairs to defective drains were carried out in default of owners at a cost of £34.99 which was recoverable.

PUBLIC HEALTH ACTS, 1936 - 1961

STATUTORY NOTICES SERVED

<u>Act and Section</u>	<u>No. of Notices</u>
Public Health Act, 1961	
Section 17                      Choked Drainage (48 hours notice)	15
Public Health Act, 1936	
Section 39                      Drainage	9
Section 45                      Defective Water Closets	11
Section 93                      Conditions prejudicial to Health	22
Prevention of Damage	
by Pests Act, 1949	
Section 4                      Keeping land free from Rats and Mice	1
	<hr/>
	58
	<hr/>

CLASSIFICATION OF PREMISES VISITED BY PUBLIC HEALTH INSPECTORS

	<u>No. of visits paid</u>
Bakehouses	32
Canteens and Restaurants	68
Grocers Shops	75
Greengrocers Shops	35
Fish Friers	53
Wet Fish Shops	4
Confectionery Shops	32
Food Warehouses	11
Hotels and Public Houses	121
Butchers Shops	59
Slaughterhouse	278
Ice Cream Shops and Vehicles	32
Miscellaneous	20
	<hr/>
	820
	<hr/>

INSPECTION AND SUPERVISION OF FOOD

FOOD AND DRUGS ACT, 1955

Nine complaints were received of foreign bodies in food. Statutory action was not considered to be appropriate in 7 of these cases, a warning being issued to the firms concerned. Legal proceedings were instituted in the two remaining cases, which resulted in a fine of £25 plus £7.50 costs in one case and £25 in the other.

## POULTRY INSPECTION

There are no poultry processing premises within the Borough.

## INFRINGEMENTS OF FOOD HYGIENE (GENERAL) REGULATIONS, 1970 DEALT WITH

	<u>Defects found</u>	<u>Defects remedied</u>
Reg. 6 Cleanliness of equipment	18	13
" 8 Risk of contamination	11	9
" 14 Defective closets etc. Notices re washing	18	11
" 16 Wash hand basins, water supply, soap, nailbrush, drying facilities not provided	5	9
" 17 First Aid equipment not provided	3	8
" 19 Facilities for washing food and equipment	13	11
" 21 Ventilation	2	1
" 23 Cleanliness and repair of Food Rooms	83	74
" 24 Refuse	8	7
	<hr/>	<hr/>
T O T A L S	161	143
	<hr/>	<hr/>

## BAKEHOUSES

Number of Bakehouses on Register	22
Number of inspections in the year	32
Number of defects found	6
Number of defects remedied	1

## SLAUGHTERHOUSES

Number of licensed slaughterhouses in the Borough	1 (which was closed on the 29th July, 1972).
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A total of £575.37 was received by the Corporation as fees for meat inspection from January to July, 1972.

## SLAUGHTER OF ANIMALS ACT, 1958

There are 7 slaughtermen holding licences granted by this Authority.

All meat and offals found to be unfit were voluntarily surrendered.

On the following page the table reproduces particulars of the number of cattle examined, and of condemnations.

NUMBER OF CATTLE EXAMINED AND  
CONDEMNATIONS FOR TUBERCULOSIS AND OTHER CONDITIONS

SLAUGHTERHOUSE CLOSED 29th JULY, 1972

	Cattle excluding Cows		Cows		Calves		Sheep and Lambs		Pigs	
	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972
Number killed	2,625	1,697	87	9	-	-	9,664	3,366	3,985	2,673
Number inspected	2,625	1,697	87	9	-	-	9,664	3,366	3,985	2,673
All Diseases except Tuberculosis - Whole Carcasses Condemned	-	-	1	3	-	-	17	30	5	15
Carcases of which some part or organ was condemned	983	580	44	2	-	-	2,040	853	645	468
Percentage of the number inspected affected with disease or parasitic conditions other than Tuberculosis	37.4	34.2	51.7	55.5	-	-	21.3	26.2	16.3	17.1
<u>TUBERCULOSIS:</u>										
Whole Carcasses condemned	-	-	-	-	-	-	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	-	-	-	-	-	-
Percentage of the number inspected affected with Tuberculosis	-	-	-	-	-	-	-	-	-	-



PERCENTAGE CONDEMNATION FOR TUBERCULOSIS

Year	Cattle Excluding Cows	Cows	Calves	Pigs
1953	13.16	33.20	0.16	3.19
1954	10.26	29.19	-	1.98
1955	6.51	39.65	-	1.44
1956	6.86	23.49	-	1.66
1957	8.43	21.77	-	0.40
1958	6.16	17.55	-	1.88
1959	7.40	18.50	-	1.40
1960	3.13	6.39	-	1.15
1961	1.60	0.40	-	0.61
1962	0.60	0.41	-	0.54
1963	0.22	0.28	-	0.18
1964	0.14	-	-	0.36
1965	0.08	-	-	0.40
1966	0.03	-	-	0.26
1967	-	-	-	-
1968	0.02	-	-	0.12
1969	0.03	0.33	-	-
1970	0.03	-	-	-
1971	-	-	-	-
1972	-	-	-	-

These figures afford an interesting insight into the incidence of Tuberculosis found in animals killed for food and can be taken as complementary to the field work that has been accomplished by the Veterinary Officers of the Ministry of Agriculture, Fisheries and Food.



## TUBERCULOSIS ORDER, 1938

No cattle were sent for slaughter by the Veterinary Inspectors under the Tuberculosis Order, 1938.

## CYSTICERCUS BOVIS

All bovines are subjected to examinations for Cysticercus Bevis and during the year 1 carcase was found to be infected. Particulars of the animal were forwarded to the Divisional Veterinary Inspector of the Ministry of Agriculture, Fisheries and Food. The carcase was dealt with by refrigeration.

## INSPECTION OF OTHER FOODS

The following table gives a list of foods examined by the Public Health Inspectors and rejected as unfit for human consumption. All were voluntarily surrendered.

Food	No. of Containers	Weight				
		Tons	Cwts.	Qrs.	Lbs.	Ozs.
Meat (Fresh)	44	-	9	2	1	15
Meat (Canned)	294	-	10	2	14	6
Fruit	784	-	19	3	4	4
Vegetables	2,290	-	17	1	25	2
Milk	76	-	2	1	19	-
Fish	18	-	-	1	10	6
Soups	106	-	-	3	-	1
Sundries	1,773	-	12	1	9	7
Frozen Foods	1,560	-	6	2	23	1
TOTAL	6,945	3	19	3	23	10

## FOOD AND DRUGS ACT, 1955

The Public Analyst for the Borough is Mr. A.C. Bushnell, F.R.I.C., County Offices, Preston.

84 samples of milk and other foods were submitted to the Public Analyst for examination. The classified table on the following page shows the results of the analysis of the samples.

ANALYSIS OF FOOD SAMPLES - 1972

Articulos	Number examined				Number adulterated or otherwise giving rise to irregularity
	Formal	Inf.	Priv.	Total	
Active Baking Yeast	-	1	-	1	-
Aromat Seasoning	-	1	-	1	-
Baking Powder	-	1	-	1	-
Beefburgers with Onion, Canned	-	1	-	1	-
Biscuits	-	1	-	1	-
Buttered Assortment (Sweets)	-	1	-	1	-
Cake Decorations	-	1	-	1	-
Cake Mix	-	1	-	1	-
Candy	-	1	-	1	-
Cereal Beverage	-	1	-	1	-
Cheese	-	1	-	1	-
Corned Beef, Canned	-	1	-	1	-
Curry Powder	-	1	-	1	-
Curry Sauce Mix	-	1	-	1	-
Dandelion Coffee Powder	-	1	-	1	-
Essence of Medicinal Barks	-	1	-	1	1
Fish Paste	-	1	-	1	-
Flour Confectionery	-	1	-	1	1
Flour, Self-raising	-	1	-	1	-
Fruit, Canned	-	1	-	1	-
Fruit, Dried	-	1	-	1	1
Fruit, Raw	-	1	-	1	-
Gravy Mix	-	1	-	1	1
Health Food	-	1	-	1	1
Health Salts	-	1	-	1	-
Home Brew Brown Ale (Pack)	-	1	-	1	1
Ice-cream Powder	-	2	-	2	-
Lamb, Raw	-	1	-	1	-
Low Calorie Salad Dressing	-	1	-	1	-
Madras Sauce	-	1	-	1	-
Meat, Canned	-	1	-	1	-
Meat and Potato Pasty	-	1	-	1	1
Meat Substitute	-	1	-	1	1
Meat and Vegetables, Canned	-	1	-	1	-
Milk	-	2	-	2	-
Mincedmeat	-	1	-	1	-
Mineral Waters	-	2	-	2	-
Mustard Compound	-	1	-	1	-
Orange Drink	-	1	-	1	-
Orange Syrup	-	1	-	1	-
Potato and Onion, Dried	-	1	-	1	-
Rump Steak	-	1	-	1	1
Salad Sandwich	-	1	-	1	1
Sandwich	-	1	-	1	1
Sauce	-	1	-	1	-
Sausages, Beef	-	6	-	6	2
Sausages, Pork	-	14	-	14	7
Sliced Mushrooms, Canned	-	1	-	1	1
Slimming Biscuits	-	1	-	1	1
o/fwd.	-	70	-	70	22

# ANALYSIS OF FOOD SAMPLES - 1972 (Continued)

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity
	Fermal	Inf.	Priv.	Total	
b/fwd.	-	70	-	70	22
Smoked Oysters, Canned	-	1	-	1	-
Soup, Canned	-	1	-	1	-
Spaghetia Rings and Tomato, Canned	-	1	-	1	-
Stuffing (Apple and Lemon)	-	1	-	1	-
Sweets	-	2	-	2	1
Sweetened Yeast Extract with Vitamins	-	1	-	1	-
Tomatoes, Canned	-	1	-	1	1
Turkey Spread	-	1	-	1	-
Turkey and Ham Teast Toppers	-	1	-	1	1
Vegetables, Dried	-	1	-	1	-
Vegetarian Meat Substitutes, Canned	-	2	-	2	-
Vitamin Nerve Diet	-	1	-	1	1
TOTAL	-	84	-	84	26



Number of Sample	Description	Nature of Adulteration or irregularity	Observations
2/16	Essence of Medicinal Barks	Contained permitted synthetic food colours Red FB and Amaranth without declaration. The list of ingredients appears to attempt to include every ingredient used. If this was intended then the list is incomplete.	Manufacturer notified.
2/20	Turkey and Ham Toast Toppers, Canned.	Not labelled as 'paste' but the sample could be held to conform to the definition of Meat Paste in the Fish and Meat Spreadable Products Regulations. It would therefore be advisable at the next printing of labels to use the wording prescribed by Regulation 6, and somewhere in the design add the specific wording "requires grilling".	Manufacturer advised.
2/42	Part of a Pasty	Contained a strip of adhesive plaster comprising woven white cotton tape measuring 10.2 centimetres x 1.2 centimetres with the remains of an adhesive plaster made of zinc oxide and resin with other ingredients on one side, having a total weight of 0.67 gramme.	Prosecution pending.
2/30	Pork Sausages	Contained 255 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed and cautioned.
2/31	Pork Sausages	Contained 160 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed and cautioned.
2/32	Beef Sausages	Contained 230 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed and cautioned.
2/33	Pork Sausages	<div style="display: flex; justify-content: space-between;"> <div>Lean Meat</div> <div>31.5%</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Fat</div> <div><u>42.5%</u></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Total Meat</div> <div><u>74.0%</u></div> </div> <p>Pork Sausage should contain not less than 32.5% lean meat.</p>	Vendor interviewed and cautioned.
2/36	Vitamin Nerve Diet	Obsolete label. The vitamin declarations should be clearly expressed in terms of milligrams of the vitamin per 100 grammes of the food (Note - from 1st January 1973, Vitamin E is not mentioned in Schedule 4 to the Regulations). Where slimming claims are made the label should include a statement that weight reduction can only be attained when the food is made part of a calorie controlled diet (see Reg. 24(1) (b) (i) (a)). The label will need to bear an appropriate designation which indicates the true nature of the food.	Manufacturer communicated with.
2/26	Beef Sausages	Contained 320 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed and cautioned.



A D U L T E R A T E D   S A M P L E S   1 9 7 2   (Continued)

Number of Sample	Description	Nature of Adulteration or irregularity	Observations
2/28	Pork Sausages	Lean Meat      30.0% Fat              27.5% Total Meat      57.5%  Pork Sausage should contain not less than 32.5% lean meat and not less than 65.0% total meat.	Vendor interviewed and cautioned.
2/46	Onion Gravy Mix	Labelled "Rich Onion Gravy" on major label. The full appropriate designation, i.e. "Rich Onion Gravy Mix" will have to be used after 1st January, 1973.	Manufacturer communicated with. Labels to be amended.
2/47	Sliced Mushrooms, Canned.	Labelled in separate places SLICED MUSHROOMS and salt added. After 1st January, 1973 ingredients will have to be listed after a heading INGREDIENTS and the appropriate designation of the food will need to be "Sliced Mushrooms in Salted Water" (see Reg. 5(2), Labelling of Food Regulations, 1970.	Manufacturer advised to amend label.
2/49	Slimming Biscuits	(1) Vitamin B <sub>2</sub> content only 0.23 mgm./ounce, compared with 0.36 mgm. per ounce declared. (2) Calorie content of three biscuits 168. Half a pint of milk would have a calorie content approximately 190 (see McCance and Widdowson's tables), therefore three Biscuits with half a pint of milk would represent 358 calories compared with 290 declared.	Manufacturer communicated with.
3/4	Pork Sausages	Contained 210 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor cautioned.
3/6	Barm Cake Sandwich	The broken-off portion of bread from the sandwich contained a hard pellet of heated wheat stained almost black by 0.34% of iron.	Bakery cautioned and complainant informed.
3/8	Pork Sausage	Lean Meat      30.0% Fat              34.5% Total Meat      64.5%  Pork Sausage should contain not less than 32.5% lean meat and not less than 65.0% total meat.	Vendor cautioned.
3/24	Health Feed (Tonic Ambresium)	Caffeine content only 0.02% compared with 0.05% declared and the quantity of Vitamin B found is also less than would normally be associated with 3 $\frac{1}{2}$ % of Dried Yeast BPC.	Manufacturer communicated with and taking steps to prevent a recurrence.

A D U L T E R A T E D   S A M P L E S   1 9 7 2   ( C o n t i n u e d )

Number of Sample	Description	Nature of Adulteration or irregularity	Observations
3/22	Homo Brow Brown Ale (Pack)	From 1st January, 1973 the list of ingredients will need to be headed with the word Ingredients.  1. No yeast present although Yeast listed among ingredients.  2. The ingredient "Yeast nutrient" should be named, e.g. ammonium phosphate.  3. The designation of the article as Brown Ale is contrary to Section 164 of the Customs and Excise Act, 1952.	Manufacturer communicated with. Labels to be amended.
3/23	Textured Vegetable Protein.	1. Protein content 48% compared with 50% declared.  2. Recommended dilution reconstitutes the product "wet", i.e. actual protein equivalent of the 8 oz. packet would be found in only 1.1/7 lbs. of "average lean meat" and not in 1 1/2 lbs. as claimed.  3. Fat content 2 1/2% compared with "less than 1%" claimed.	Manufacturer communicated with.
3/15	Salad Sandwich	Contained two portions of earthworm (LUMBRICUS SP) weighing 50 milligrams.	Baker cautioned and complainant informed.
3/38	Cooked, Chopped Meat and Onion Savoury	Contained the filter-tip end of a smoked Cigarette which weighed (after the fat had been extracted) 0.168 gramme.	Prosecution pending.
3/43	Tomatoes, Canned	Howard Mould Count on Juice - 88% of fields examined contained mould filaments (44% on whole sample). The tomato juice in which the tomatoes were packed should not contain more mould than would affect 50% of the fields examined.	Importer communicated with.
3/44	Dried Apricots	Sample unlabelled	Ascertained that sample was packed on premises where sold.
3/47	Sweets (Candy Glasses)	Unsatisfactory label. (1) No designation. (2) In the voluntary given list of ingredients the term "vegetable gelatin" has no meaning in Britain.	Manufacturers communicated with.
3/48	Pork Sausages	Lean Meat            31.0% Fat                    36.0% Total Meat           67.0%  Pork Sausage should contain not less than 32.5% lean meat.	Manufacturer cautioned.
3/49	Lancashire Treacle Parkin.	Contained a hard lump weighing 11 grammes. It consisted of skimmed milk powder which had been made into a damp mass and then baked.	Bakery cautioned and complainant informed.

SUMMARY OF SAMPLES SUBMITTED UNDER THE FOOD AND  
DRUGS ACT, 1955 FOR EXAMINATION BY THE PUBLIC  
ANALYST 1963 - 1972

Year	No. of Samples	Number adulterated or otherwise giving rise to irregularity	Rate of Sampling per 1,000 population
1963	138	10	2.9
1964	102	10	2.2
1965	112	8	2.4
1966	141	10	3.0
1967	124	14	2.6
1968	129	7	2.8
1969	118	5	2.6
1970	103	11	2.2
1971	79	23	1.7
1972	84	26	1.8



# M I L K   S U P P L Y

As all cows are subjected to a tuberculin test, Raw Milk, Pastourised and Sterilised milk is permitted to be sold.

Registered Distributors in the Borough    93  
Registered Dairies in the Borough            2

Year	Number of Samples	Fat %	Solids-not-Fat %	Total Solids %	Percentage Adulteration
1953	65	3.79	8.55	12.34	12.3
1954	71	3.84	8.63	12.47	1.4
1955	61	3.83	8.58	12.41	4.9
1956	60	3.80	8.53	12.33	5.0
1957	58	3.70	8.60	12.30	1.7
1958	58	3.72	8.60	12.32	3.4
1959	66	3.56	8.65	12.21	10.6
1960	53	3.60	8.66	12.26	5.7
1961	63	3.62	8.62	12.24	4.8
1962	63	3.63	8.62	12.25	1.6
1963	32	3.67	8.54	12.21	3.1
1964	30	3.60	8.49	12.09	10.0
1965	28	3.54	8.61	12.15	3.6
1966	40	3.88	8.67	12.55	2.5
1967	43	3.92	8.72	12.64	2.3
1968	40	3.75	8.64	12.39	2.5
1969	28	4.05	8.71	12.76	-
1970	16	4.04	8.72	12.76	-
1971	21	4.01	8.72	12.73	4.7
1972	2	4.40	9.00	13.40	-
Average		3.80	8.64	13.42	4.00



# BACTERIOLOGICAL AND BIOLOGICAL EXAMINATION OF MILK SAMPLES

## BACTERIOLOGICAL EXAMINATION

Designation	Number Submitted	N A T U R E   O F   T E S T									
		Methylene Blue		Turbidity Test		Phosphatase Test		Colony Count Test			
		Satisfactory	Unsatisfactory	Void	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	
Tuberculin Tested	10	10	-	-	-	-	-	-	-	-	-
T.T. Pasteurised	33	33	-	-	-	-	33	-	-	-	-
Sterilised	20	-	-	-	20	-	-	-	-	-	-
Ultra Heat Treated	2	-	-	-	-	-	-	-	2	-	-
T O T A L S	65	43	-	-	20	-	33	-	2	-	-

## BIOLOGICAL EXAMINATION

Number Submitted	Brucellosis									
	Tubercle Bacilli					Ring Test				
	Positive	Negative	No Result	Positive	No Result	Positive	Negative	No Result	Positive	No Result
10	-	10	-	-	-	-	10	-	-	-

## ICE CREAM

In accordance with Section 16 (1) (a) of the Food and Drugs Act 1955, three premises were registered for the sale of Ice Cream during the year. 195 such premises now appear in the Register. There are two manufacturers of Ice Cream licensed in the Borough.

Samples for bacteriological examination are submitted to the Regional Public Health Laboratory, Withington Hospital, Manchester. Eleven samples were submitted for examination with the following results:-

Grade 1	5
" 2	5
" 3	1

## LANCASHIRE COUNTY COUNCIL (GENERAL POWERS) ACT, 1951

### HAWKERS

Any person who shall by himself, or any person employed by him, sell or offer or expose for sale, any meat or meat product, or fish, fruit or vegetables from or upon a vehicle or from or upon a basket, pail, tray, table or other portable receptacle or stand, must be registered.

The number of persons on the Register at the end of the year was 74.

### PREMISES

All premises used or proposed to be used for storage of meat, meat food products, or fish, fruit and vegetables must be registered. The number of premises registered at the end of the year was 54.

## FOOD AND DRUGS ACT, 1955 (Section 16)

### PRESERVED FOODS, ETC.

Under the above Act, all premises used for the preparation or manufacture of sausages or potted, pressed, pickled or preserved meat, fish or other food intended for sale must be registered. The number of premises registered at the end of the year was 74.

## CLEAN FOOD EXHIBITION

The Council decided to mark the year with an Exhibition in the Library. This was arranged for early January 1973.

Mr. Howard, Public Health Inspector, took over the responsibility and quickly put some useful ideas on trial. By the end of the year arrangements were well advanced. Some exhibitors, however, who promised support withdrew as late as Christmas but replacements were found and a full complement of exhibits secured.

## RODENT CONTROL

### PREVENTION OF DAMAGE BY PESTS ACT, 1949

The number of complaints at 792 is relatively high, but does not give cause for alarm, but it is expected to decline with improved sewer treatment. Mice are well established, and are proving difficult to eradicate.

A free service for the destruction of rats and mice is given to occupiers of dwellinghouses conditional on there being no contributory negligence. In all other cases the full cost of the work and materials is borne by the occupiers of the premises, and in this connection the sum of £240.98 was recovered during the year.

#### PARTICULARS OF PROPERTIES INSPECTED OTHER THAN SEWERS

	Type of Property	
	Non-Agricultural	Agricultural
1. Total number of properties inspected following notifications:-	792	8
Number infested by (i) Rats	395	8
(ii) Mice	397	-
2. Total number of properties inspected for rats and/or mice for reasons other than notification:-	1,261	2
Number infested by (i) Rats	121	2
(ii) Mice	47	-

## SEWER INFESTATION AND TREATMENT

The Ministry of Agriculture, Fisheries and Food procedure as to the methods of pre-baiting and poisoning is adhered to throughout this work. The disinfestation of sewers comprises what is known as an initial treatment followed by maintenance of a similar kind at six-monthly intervals.

A comparative table of treatments undertaken during the past 5 years is given below:-

Year	Treatment No.	No. of Manholes treated	No. of Manholes showing take of bait	Poison Baiting
1968	44	164	17	Fluoracotamido with Parantrophenal
1969	45	172	19	- ditto -
	46	160	15	- ditto -
1970	47	180	12	- ditto -
1971	48	238	28	- ditto -
1972	49	201	26	- ditto -
	50	190	-	Fluoracotamide









